

GenCore version 5.1.3  
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OM protein - protein search, using SW mode:  
Run on: January 16, 2003, 16:47:32 : Search time: 32:42:29 Sequence(s)  
(without alignments)  
28 entries (all cells up-dated, 72sec)

Perfect score: US-09-856-070-21

Sequence: 1 HELM\_QTY: 12

Scoring table: Blosum62

Gapop: 10.0 , Gapext: 0.5

Searched: 262574 seqs., 2942922 residues

Total number of hits satisfying chosen parameters: 262574

Result No.	Score	Query Match	Length	DB ID	Description
1	60	100.0	586	4 US-09-040-725A-1	Sequence 1, Appli
2	39	65.0	357	5 PCT-US91-08991-14	Sequence 14, Appli
3	39	65.0	405	1 US-07-914-281-8	Sequence 8, Appli
4	39	65.0	405	1 US-07-933-246-8	Sequence 8, Appli
5	39	65.0	405	1 US-08-525-058A-8	Sequence 8, Appli
6	39	65.0	405	2 US-08-483-151-4	Sequence 4, Appli
7	39	65.0	405	2 US-08-696-731-8	Sequence 8, Appli
8	39	65.0	405	4 US-09-042-531-8	Sequence 6, Appli
9	37	61.7	62	4 US-09-006-428A-6	Sequence 7, Appli
10	37	61.7	63	4 US-09-006-428A-7	Sequence 6, Appli
11	37	61.7	1151	3 US-08-840-006-5	Sequence 5, Appli
12	37	61.7	1200	3 US-08-840-006-5	Sequence 5, Appli
13	36	60.0	441	3 US-08-586-419-25	Sequence 25, Appli
14	35.5	59.2	547	4 US-09-380-061B-18	Sequence 20, Appli
15	35.5	59.2	548	4 US-09-380-061B-18	Sequence 18, Appli
16	35.5	59.2	548	4 US-08-487-183A-16	Sequence 16, Appli
17	35.5	59.2	549	1 US-08-454-240A-2	Sequence 2, Appli
18	35.5	59.2	550	1 US-08-354-240A-4	Sequence 4, Appli
19	35.5	59.2	550	1 US-08-354-240A-6	Sequence 6, Appli
20	35.5	59.2	550	1 US-08-354-240A-6	Sequence 23, Appli
21	35.5	59.2	550	1 US-08-354-240A-6	Sequence 2, Appli
22	35.5	59.2	550	4 US-08-718-425-5	Sequence 5, Appli
23	35.5	59.2	550	4 US-08-718-425-5	Sequence 6, Appli
24	35.5	59.2	550	4 US-08-718-425-5	Sequence 21, Appli
25	35.5	59.2	550	4 US-08-487-183A-16	Sequence 10, Appli
26	35.5	59.2	552	3 US-09-131-752-5	Sequence 5, Appli
27	35.5	59.2	552	3 US-09-474-369-8	Sequence 8, Appli

## ALIGNMENTS

RESULT 1					
US-09-040-725A-1	Sequence 1, Application US-09-040-725A	Patent No. 6399584			
	APPLICANT: Institut Curie	CNRs			
	APPLICANT: Artif., Medicin	Cirillo, Tiziana			
	APPLICANT: Gauthreau, Alekis				
	APPLICANT: Loeward, Daniel				
	NAME OF INVENTION: Biotechnical composition containing ezrin mutated				
	TYPE OF INVENTION: On: Ezrinine 333				
	CURRENT APPLICATION NUMBER: US-09-040-725A				
	CURRENT FILING DATE: 1998-03-18				
	NUMBER OF SEQ ID NOS: 4				
	SOFTWARE: PatentIn Ver. 2.1				
	SEQ ID NO. 1				
	LENGTH: 586				
	TYPE: PR				
	ORGANISM: Homo sapiens				
	US-09-040-725A-1				
	Query Match Similarity: 100.0%	Best Local Similarity: 100.0%	Score: 60; ID: 4;	Length: 586;	
	Matches: 12, Conservative 0, Mismatches 0, Indels 0, Gaps 0;				
Q7	1 EELMLQDYE 12				
DB	111111111111				
	345 EELMLQDYE 356				
	RESULT 2				
	PCT-1991-00899-14				
	Sequence 14, Application PCT-1991-00899				
	GENERAL INFORMATION:				
	APPLICANT: Lowe, John B.				
	TITLE OF INVENTION: Method and products for the synthesis of oligosaccharide structures, glycolipids, glycoproteins, or for the isolation of cloned				
	TITLE OF INVENTION: Oligosaccharide structures, glycoproteins, glycolipids, or for the isolation of cloned				
	NAME OF SEQUENCES: 16				
	CORRESPONDENCE ADDRESS:				
	ADDRESS: CHILO, SPIVAK, MCLELLAND, MAIER & NEUSTADT,				
	STREET: 1750 Lee Street, Davis Highway, Suite 400				
	CITY: Arlington				
	STATE: Virginia				
	ZIP: 22202				

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US07/0899/00849

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Lavallee, Jean-Paul

REGISTRATION NUMBER: 41,451

REFERENCE/DOCKET NUMBER: 2363-021-55 PCT

TELECOMMUNICATION:

TELEPHONE: (703)521-5940

TELEFAX: (703)486-2347

TELELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 357 amino acids

TYPE: AMINO ACID

TOPOLOGY: linear

MOLECULE TYPE: protein

FRAGMENT TYPE: C-terminal

PCT: US91-0899-14

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 3

US 07-914-281 B

SEQUENCE B, Application US/07914281

PATENT NO. 5,246,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 4

US-08-43-246-8

SEQUENCE 8, Application US/08393246

PATENT NO. 5,585,900

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 5

US-08-393-246-B

SEQUENCE B, Application US/08393246

PATENT NO. 5,324,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 6

US-08-43-246-8

SEQUENCE 8, Application US/08393246

PATENT NO. 5,585,900

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 7

US-08-393-246-B

SEQUENCE B, Application US/08393246

PATENT NO. 5,324,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 8

US-08-43-246-8

SEQUENCE 8, Application US/08393246

PATENT NO. 5,585,900

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 9

US-08-393-246-B

SEQUENCE B, Application US/08393246

PATENT NO. 5,324,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 10

US-08-43-246-8

SEQUENCE 8, Application US/08393246

PATENT NO. 5,324,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 11

US-08-393-246-B

SEQUENCE B, Application US/08393246

PATENT NO. 5,324,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 12

US-08-43-246-8

SEQUENCE 8, Application US/08393246

PATENT NO. 5,324,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 13

US-08-393-246-B

SEQUENCE B, Application US/08393246

PATENT NO. 5,324,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU-

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER &amp; NEUSTADT,

AMMRESEEE: P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

RESULT 14

US-08-43-246-8

SEQUENCE 8, Application US/08393246

PATENT NO. 5,324,663

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

GENERAL INFORMATION:

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOSIPLIPS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

RESULT 5  
US-08-525-058A-8  
Sequence 8, Application US/08525058A  
PATENT NO.: 5770420  
GENERAL INFORMATION:  
APPLICANT: LOWE, JOHN B.  
TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS, GLYCOPOLYPSIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLION, SIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
STREET: 1755 Jefferson Davis Highway, Fourth Floor  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/525,058A  
FILING DATE:  
CLASSIFICATION: 415  
ATTORNEY/AGENT INFORMATION:  
NAME: Lavallee, Jean Paul M. P.  
REGISTRATION NUMBER: 31,451  
REFERENCE/DOCKET NUMBER: 2363-060-55  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 521-4500  
TELEFAX: (703) 462-2447  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 405 amino acids  
TYPE: amino acid  
TOPLOGY: linear  
MOLECULE TYPE: protein  
US-08-525-058A-8

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,151  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 5-30  
ATTORNEY/AGENT INFORMATION:  
NAME: Lech, Karen F.  
REGISTRATION NUMBER: 35,238  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 405 amino acids  
TYPE: amino acid  
STRANGLINES: not relevant  
TOPLOGY: linear  
MOLECULE TYPE: protein  
US-08-483-151-4

Query Match Score 39, DB 1; length 405;  
Best Local Similarity 66.7%; pred No. 1q;  
Matches 8; Conservative 2; Mismatches 2; Indels 9; Gaps 9.

Qy 1 EMPLOYEE 12  
Db 136 EVDLRLDVE 147

RESULT 6  
US-08-483-151-4  
Sequence 4, Application US/08483151  
PATENT NO.: 5858752  
GENERAL INFORMATION:  
APPLICANT: Seid, Brian  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 405 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: protein

OS-09-096-731 8

Query Match 65.0% Score 39; Db 2; Length 405;

First Local Similarity 66.7%; Pred. No. 19;

Matches 8; Conservative 2; Missmatches 2; Indels 0; Gaps 0.

QY 1 EELMRLQDYE 12

Db 136 EELMRLQDYE 147

RESULT 8 US-09-042-531 8

Sequences 8 Application US-09-042-531

Patent No. 6,268,143

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN R.

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS OF OLIGOSACCHARIDES ON GLYCOPROTEINS, GLYCOPOLYSACCHARIDES, OR AS FREE MOLECULES, AND FOR THE ISOLATION OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES

CORRESPONDENCE ADDRESS:

ADDRESS: OBLON, STIVAK, MCDELAND, MAIER & NEUSTADT, P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

ZIP: 22202

COMPONENTS:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: pc-win MS DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US-09-042-531

FILING DATE:

CLASSIFICATION:

PATENT APPLICATION DATA:

APPLICATION NUMBER: US-09-042-246

FILING DATE:

APPLICATION NUMBER: US-08-220-433

FILING DATE: 40-MAR-1994

APPLICATION NUMBER: US-07-514-281

FILING DATE: 20-JUL-1992

ATTORNEY/AGENT INFORMATION:

NAME: Lavalette, Jean-Paul M. P.

REGISTRATION NUMBER: 31-A51

REFERENCE/DOCKET NUMBER: 2363-066-55

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)521-4530

TELEFAX: (703)521-4530

TELEX: 248855 OPAI UR

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 405 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: Protein

OS-09-042-531 8

Query Match 65.0% Score 39; Db 4; Length 405;

First Local Similarity 66.7%; Pred. No. 19;

Matches 8; Conservative 2; Missmatches 2; Indels 0; Gaps 0.

QY 1 EELMRLQDYE 12

Db 136 EELMRLQDYE 147

RESULT 9 US-09-006-428A 6

Sequence 6, Application US-09-064-28A

Patent No. 6,444,439

GENERAL INFORMATION:

APPLICANT: Jing Li

APPLICANT: Kazuhisa Nishizawa

APPLICANT: Wenzian An

APPLICANT: Ellis L. Reinherz

TITLE OF INVENTION: CD65-LIKE ADAPTER PROTEIN (CD6BP1)

FILE REFERENCE: 1062-1020-000

CURRENT APPLICATION NUMBER: US-09-006-428A

CURRENT FILING DATE: 1998-01-13

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO: 6

LENGTH: 62

TYPE: PRT

ORGANISM: Homo sapiens

Query Match 61.7%; Score 37; Db 4; Length 62;

Best Local Similarity 58.3%; Pred. No. 6;

Matches 7; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMRLQDYE 12

Db 6 KELVILALDYQE 17

RESULT 10 US-09-006-428A-7

Sequence 7, Application US-09-006-428A

Patent No. 6,444,439

GENERAL INFORMATION:

APPLICANT: Jing Li

APPLICANT: Kazuhisa Nishizawa

APPLICANT: Wenzian An

APPLICANT: Ellis L. Reinherz

TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF A CD65-LIKE ADAPTER PROTEIN (CD6BP1)

FILE REFERENCE: 1062-1020-000

CURRENT APPLICATION NUMBER: US-09-006-428A

CURRENT FILING DATE: 1998-01-13

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO: 7

LENGTH: 63

TYPE: PRT

ORGANISM: Homo sapiens

Query Match 61.7%; Score 37; Db 4; Length 63;

Best Local Similarity 58.3%; Pred. No. 6; 1;

Matches 7; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMRLQDYE 12

Db 8 KELVILALDYQE 19

RESULT 11 US-08-040-006-6

Sequence 5, Application US-08-040-006

Patent No. 6,127,520

GENERAL INFORMATION:

APPLICANT: Ueda, Tetsutumi

APPLICANT: Ozkan, Eric D.

TITLE OF INVENTION: Compositions And Methods For The  
 Title of Invention: Inhibition Of Neurotransmitter Uptake Of Synaptic Vesicles  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Medien & Carroll, LLP  
 STREET: 220 Montgomery Street, Suite 2200  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: United States of America  
 ZIP: 94104  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/840,006  
 FILING DATE: 15 APR 1997  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Carroll, Peter G.  
 REGISTRATION NUMBER: 32,837  
 REFERENCE/DOCKET NUMBER: UM-02786  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 705-8410  
 TELEFAX: (415) 397-8338  
 INFORMATION FOR SEQ ID NO: 6:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1151 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: not relevant  
 TOPOLOGY: Linear  
 MOLECULE TYPE: peptide  
 5'-08-840-006-6  
 5'-08-840-006-5  
 5'-08-840-006-5  
 Sequence 5, Application US/08840306  
 Patent No. 6,127,520  
 GENERAL INFORMATION:  
 APPLICANT: Ueda, Tetsutumi  
 APPLICANT: Ozkan, Eric D.  
 TITLE OF INVENTION: Compositions And Methods For The  
 Title of Invention: Inhibition Of Neurotransmitter Uptake Of Synaptic Vesicles  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Medien & Carroll, LLP  
 STREET: 220 Montgomery Street, Suite 2200  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: United States of America  
 ZIP: 94104  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/840,006  
 FILING DATE: 15 APR 1997  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Carroll, Peter G.  
 REGISTRATION NUMBER: 32,837

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REFERENCE/WORKET NUMBER: UJU-02786
TELECOMMUNICATION INFORMATION:
    TELEPHONE: (415) 705-8410
    TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
    LENGTH: 1200 amino acids
    TYPE: amino acid
    STRANDEDNESS: not relevant
    TOPOLOGY: linear
    MOLECULE TYPE: peptide
US-08-840-006-5

RESULT 13
Query Match      61.7%
Best Local Similarity 58.3%
Matches 7; Conservative
Db      969 KELVLYADYQE 980

QY      1 EELMRLIYEYE 12
DB      969 KELVLYADYQE 980

RESULT 14
Query Match      59.0%
Best Local Similarity 56.6%
Matches 7; Conservative
Db      119 EVIVRLIYEYE 129

QY      1 EELMRLIYEYE 11
DB      119 EVIVRLIYEYE 129


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## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US 09/380,061B

FILING DATE: 25-Aug-1999

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 103,853,380,061B

FILING DATE: 25-Aug-1999

ATTORNEY/AGENT INFORMATION:

NAME: SADOFF, B., J.

PRACTICE/WORK NUMBER: 46,663

REFERENCE/DOCKET NUMBER: 124-725

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816,4000

FAX: (703)816,4000

SEQUENCE CHARACTERISTICS:

LENGTH: 547 amino acids

TYPE: amino acid

TOPOLOGY: Linear

MOLECULE TYPE: Protein

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

US 09-380,061B-20

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

US 09-380,061B-18

SEQUENCE 18: Application US/09380061B

PATENT NO.: 6,263,177

GENERAL INFORMATION:

APPLICANT: SUDIARRELLA, DAVID JAMES

WHITE, DAVID JOHN

MURRAY, JAMES AUGUSTUS HENRY

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESS: 1100 NORTH CLARE ROAD

CITY: ARLINGTON

STATE: VIRGINIA

COUNTRY: U.S.A.

ZIP: 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/380,061B

FILING DATE: 25-Aug-1999

CLASSIFICATION DATA:

APPLICATION NUMBER: 103,853,380,061B

FILING DATE: 25-Aug-1999

ATTORNEY/AGENT INFORMATION:

NAME: SADOFF, B., J.

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 124-725

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4000

TELEFAX: (703)816-4100

SEQUENCE CHARACTERISTICS:

LENGTH: 548 amino acids

TYPE: amino acid

TOPOLOGY: Linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 18:

US-09-380-061B-18

Query Match 59,28; Score 45,5; DB 4; Length 548;

Best local Similarity 75,0%; Pred. No. 1,1e+02;

Matches 9; Conservative 1; Mismatches 1; Indels 1; Gaps 1;

QY 1 EELMLR-LQDYE 11

DB 272 EELMLR-LQDYE 283

Search completed: January 16, 2003, 16:59:14

Job time : 13.3429 secs

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

US 09-380,061B-20

SEQUENCE 18: Application US/09380061B

PATENT NO.: 6,263,177

GENERAL INFORMATION:

APPLICANT: SUDIARRELLA, DAVID JAMES

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MURRAY, JAMES AUGUSTUS HENRY

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STATE: VIRGINIA

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ZIP: 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/380,061B

FILING DATE: 25-Aug-1999

CLASSIFICATION DATA:

APPLICATION NUMBER: 103,853,380,061B

FILING DATE: 25-Aug-1999

ATTORNEY/AGENT INFORMATION:

NAME: SADOFF, B., J.